

STN:
USPAT

(FILE 'HOME' ENTERED AT 17:44:16 ON 10 FEB 2000)

FILE 'USPATFULL' ENTERED AT 17:44:21 ON 10 FEB 2000

L1 3184 S (GATE# OR PAD#) (8A) OXIDE# (8A) (DOP? OR BPSG OR PSG OR BSG OR
P
L2 1141 S (GATE# OR PAD#) (8A) OXIDE# (8A) (PHOSPHO? OR BORO?)
L3 3742 S L1 OR L2
L4 1628 S L3(P) (ETCH? OR PREETCH? OR POSTETCH? OR PATERN? OR PATTERN?)
L5 312 S L4(P) (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR
REACTIVE? (3A) I
L6 67 S L5(P) (SILICID? OR POLYCID? OR SILICID? OR MOSI# OR WSI# OR
C
L7 166 S L5(P) POLYSI?
L8 186 S L6 OR L7
L9 1 S L5(P) (C2F6 OR CF4 OR C3F8 OR C4F10 OR C2F8 OR CH2F2 OR CHF3
O
L10 0 S L5(P) (FREON? OR FLON# OR FLUOROCARBON# OR
FLUOROHYDROCARBON#
L11 6 S L5(P) (FLUORIDE# OR DIFLUORIDE# OR TRIFLUORIDE# OR
TETRAFLUORI
L12 0 S L6(P) (NONAFLUORIDE# OR DECAFLUORIDE# OR PERFLUOROMETHANE#
OR
L13 0 S L6(P) (PERFLUOROHEXANE# OR PERFLUOROHEPTANE# OR
PERFLUOROOC TAN
L14 1 S L6(P) (TETRAFLUOROMETHANE# OR TRIFLUOROMETHANE# OR
DIFLUOROMET
L15 7 S L9 OR L11 OR L14
L16 3 S L8(P) L15
L17 4 S L15 NOT L16
L18 183 S L8 NOT L15
SAVE GATEL18/A L18

STN 8 USPAT, Japio, Cas

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L1 3184 S (GATE# OR PAD#) (8A)OXIDE#(8A) (DOP? OR BPSG OR PSG OR BSG OR
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L3 3742 S L1 OR L2
L4 1628 S L3(P) (ETCH? OR PREETCH? OR POSTETCH? OR PATERN? OR PATTERN?)
L5 312 S L4(P) (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR
REACTIVE?(3A) I
L6 67 S L5(P) (SILICID? OR POLYCID? OR SILICID? OR MOSI# OR WSI# OR
C
L7 166 S L5(P) POLYSI?
L8 186 S L6 OR L7
L9 1 S L5(P) (C2F6 OR CF4 OR C3F8 OR C4F10 OR C2F8 OR CH2F2 OR CHF3
O
L10 0 S L5(P) (FREON? OR FLON# OR FLUOROCARBON# OR
FLUOROHYDROCARBON#
L11 6 S L5(P) (FLUORIDE# OR DIFLUORIDE# OR TRIFLUORIDE# OR
TETRAFLUORI
L12 0 S L6(P) (NONAFLUORIDE# OR DECAFLUORIDE# OR PERFLUOROMETHANE#
OR
L13 0 S L6(P) (PERFLUOROHEXANE# OR PERFLUOROHEPTANE# OR
PERFLUOROOC TAN
L14 1 S L6(P) (TETRAFLUOROMETHANE# OR TRIFLUOROMETHANE# OR
DIFLUOROMET
L15 7 S L9 OR L11 OR L14
L16 3 S L8(P) L15
L17 4 S L15 NOT L16
L18 183 S L8 NOT L15
SAVE GATEL18/A L18
L19 7 S L16 OR L15
SAVE GATEL19/A L19

FILE 'JAPIO' ENTERED AT 18:01:34 ON 10 FEB 2000

ACTIVATE GATEL18/A

L20 QUE (GATE# OR PAD#) (8A)OXIDE#(8A) (DOP? OR BPSG OR PSG OR BSG
O
L21 QUE (GATE# OR PAD#) (8A)OXIDE#(8A) (PHOSPHO? OR BORO?)
L22 QUE L20 OR L21
L23 QUE L22(P) (ETCH? OR PREETCH? OR POSTETCH? OR PATERN? OR
PATTER
L24 QUE L23(P) (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR
REACTIVE?(
L25 QUE L24(P) (SILICID? OR POLYCID? OR SILICID? OR MOSI# OR
WSI#
L26 QUE L24(P) POLYSI?
L27 QUE L25 OR L26
L28 QUE L24(P) (C2F6 OR CF4 OR C3F8 OR C4F10 OR C2F8 OR CH2F2 OR
CH
L29 QUE L24(P) (FLUORIDE# OR DIFLUORIDE# OR TRIFLUORIDE# OR
TETRAFL
L30 QUE L25(P) (TETRAFLUOROMETHANE# OR TRIFLUOROMETHANE# OR
DIFLUOR
L31 QUE L28 OR L29 OR L30

L32 QUE L27 NOT L31

 ACTIVATE GATEL19/A

 L33 QUE (GATE# OR PAD#) (8A) OXIDE# (8A) (DOP? OR BPSG OR PSG OR BSG
 O
 L34 QUE (GATE# OR PAD#) (8A) OXIDE# (8A) (PHOSPHO? OR BORO?)
 L35 QUE L33 OR L34
 L36 QUE L35 (P) (ETCH? OR PREETCH? OR POSTETCH? OR PATTERN? OR
 PATER
 L37 QUE L36 (P) (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR
 REACTIVE? (
 L38 QUE L37 (P) (SILICID? OR POLYCID? OR SILICID? OR MOSI# OR
 WSI#
 L39 QUE L37 (P) POLYSI?
 L40 QUE L38 OR L39
 L41 QUE L37 (P) (C2F6 OR CF4 OR C3F8 OR C4F10 OR C2F8 OR CH2F2 OR
 CH
 L42 QUE L37 (P) (FLUORIDE# OR DIFLUORIDE# OR TRIFLUORIDE# OR
 TETRAFL
 L43 QUE L38 (P) (TETRAFLUOROMETHANE# OR TRIFLUOROMETHANE# OR
 DIFLUOR
 L44 QUE L41 OR L42 OR L43
 L45 QUE L40 (P) L44
 L46 QUE L45 OR L44

 L47 15 S L32
 L48 7 S L46

FILE 'CA' ENTERED AT 18:04:19 ON 10 FEB 2000
 ACTIVATE GATEL18/A

L49 QUE (GATE# OR PAD#) (8A) OXIDE# (8A) (DOP? OR BPSG OR PSG OR BSG
 O
 L50 QUE (GATE# OR PAD#) (8A) OXIDE# (8A) (PHOSPHO? OR BORO?)
 L51 QUE L49 OR L50
 L52 QUE L51 (P) (ETCH? OR PREETCH? OR POSTETCH? OR PATTERN? OR
 PATER
 L53 QUE L52 (P) (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR
 REACTIVE? (
 L54 QUE L53 (P) (SILICID? OR POLYCID? OR SILICID? OR MOSI# OR
 WSI#
 L55 QUE L53 (P) POLYSI?
 L56 QUE L54 OR L55
 L57 QUE L53 (P) (C2F6 OR CF4 OR C3F8 OR C4F10 OR C2F8 OR CH2F2 OR
 CH
 L58 QUE L53 (P) (FLUORIDE# OR DIFLUORIDE# OR TRIFLUORIDE# OR
 TETRAFL
 L59 QUE L54 (P) (TETRAFLUOROMETHANE# OR TRIFLUOROMETHANE# OR
 DIFLUOR
 L60 QUE L57 OR L58 OR L59
 L61 QUE L56 NOT L60

ACTIVATE GATEL19/A

L62 QUE (GATE# OR PAD#) (8A) OXIDE# (8A) (DOP? OR BPSG OR PSG OR BSG
 O
 L63 QUE (GATE# OR PAD#) (8A) OXIDE# (8A) (PHOSPHO? OR BORO?)
 L64 QUE L62 OR L63
 L65 QUE L64 (P) (ETCH? OR PREETCH? OR POSTETCH? OR PATTERN? OR
 PATER
 L66 QUE L65 (P) (PLASMA? OR SPUTTER? OR CORONA? OR RIE OR
 REACTIVE? (
 L67 QUE L66 (P) (SILICID? OR POLYCID? OR SILICID? OR MOSI# OR
 WSI#

L68	QUE	L66(P)POLYSI?
L69		L67 OR L68
L70	QUE	L66(P)(C2F6 OR CF4 OR C3F8 OR C4F10 OR C2F8 OR CH2F2 OR
CH		
L71	QUE	L66(P)(FLUORIDE# OR DIFLUORIDE# OR TRIFLUORIDE# OR
TETRAFL		
L72	QUE	L67(P)(TETRAFLUOROMETHANE# OR TRIFLUOROMETHANE# OR
DIFLUOR		
L73	QUE	L70 OR L71 OR L72
L74	QUE	L69(P)L73
L75	QUE	L74 OR L73

L76	9 S	L61
L77	2 S	L75